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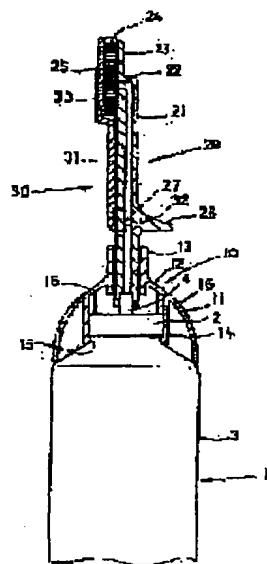
Inventor : IIZUKA SHIGEO

## HAIR DYING UTENSIL

### Abstract:

**PROBLEM TO BE SOLVED:** To perform a hair dying without adhering a hair dye to hair other than the hair to be dyed, and also, without dripping the hair dye, and in addition, by one hand only by a method wherein a pinching member is pivotally supported by a hair dying member, and on the pinching member, a box body part in which a comb-form part is sealed, is provided in a manner to protrude.

**SOLUTION:** This hair dying utensil is equipped with a jetting apparatus 1 which jets foam by the depressing of a stem 4, a hair dying member 20 wherein a jetting hole 22 is provided on a flow-out cylinder 21 being fitted on the stem 4, and at the same time, the front wall of the flow-out cylinder 21 is formed on a base plate 23 having a comb-form part 25, and the jetting hole is made to open in the comb-form part 25, and a depressing plate 26 is projected backward from the flow-out cylinder 21, and a pinching member 30 wherein from the upper end of a long and narrow plate 31 which is pivotally attached to a lower part of the flow-out cylinder 21 in such a manner that it may be rockable in the longitudinal direction, a box body part 33 to close the front surface, the both right and left side surfaces and the lower surface of the comb-form part 25, is provided in a manner to protrude.



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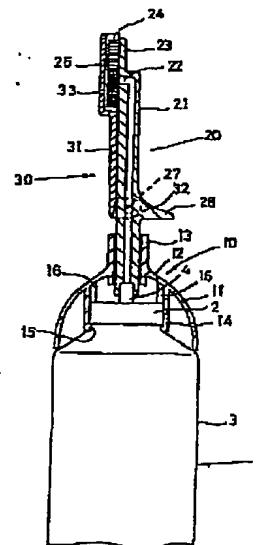
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(54)【発明の名称】毛染具

(57)【要約】

【課題】毛染部材に挟持部材を枢支させ、挟持部材に樹  
状部を密閉する筐体部を突設することにより、毛染剤を  
毛染めすべき髪以外の髪に付着させることなく、ま  
た、毛染剤をたらすことなく、しかも片手で毛染を可能  
にする。

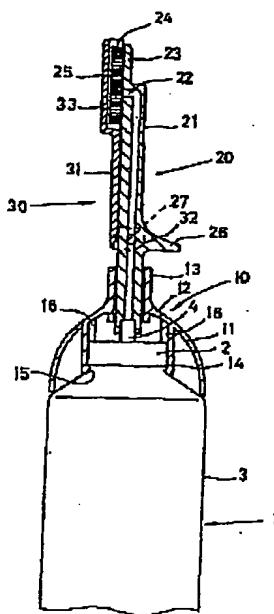
【解決手段】ステム4押し下げにより泡を噴出する噴出  
器1と、ステム4へ嵌合させた流出筒21に噴出孔22  
を穿設すると共に、流出筒21前壁を樹状部25を有す  
る基板23に形成し、樹状部25に噴出孔22を開口さ  
せ、流出筒21から押下板26を後方突設した毛染部材  
20と、流出筒21下部へ前後方向へ振動自在に枢着さ  
せた細長板31上端から樹状部25の前面、左右両側面  
及び下面を閉塞する筐体部33を突設した挟持部材30  
とを有する。



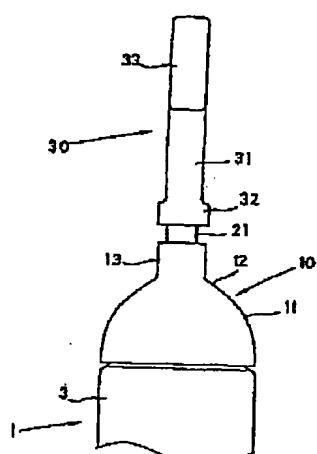
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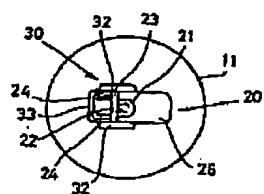
【図1】



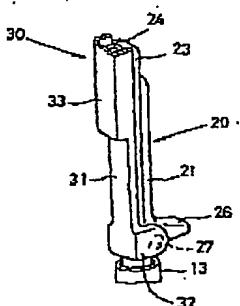
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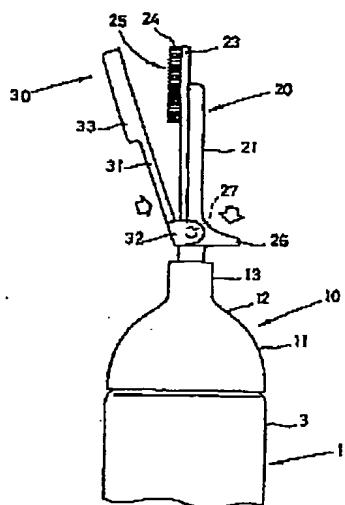
【図3】



【図4】



【図5】



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**CLAIMS**

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**[Claim(s)]**

[Claim 1]A hair coloring implement characterized by what it is [ a thing ] characterized by comprising the following.

The squirter 1 which spouts a bubble or a fluid by depression of the stem 4 which is energized to the bottle object 3 top-neck-part 2 upper part, and projects.

The connection cylinder 10 through which protruded the inward-flange-like top wall 12 on from support cylinder 14 upper bed into which a barrel wall was made to fit to the above-mentioned top-neck-part-of-the-bottle-object outside surface, and the fitting tube 13 was made to install to a flange hole.

Drill the jet hole 22 in an outflow tube 21 top front wall which carries out adherence fitting of the outflow tube 21 lower part of an upper bed side blockade made to penetrate to the above-mentioned fitting tube 13 to the stem 4 above-mentioned upper external, and projects upwards from the fitting tube 13, and. The hair coloring member 20 which formed this outflow tube 21 top front wall in the substrate 23 which has the pectinate form part 25, and made sliding direction pars intermedia of the pectinate form part 25 carry out the opening of the above-mentioned jet hole 22, and also carried out the back protrusion of the depression board 26 from an outflow tube 21 lower posterior wall of stomach.

Make elongated plate 31 lower end pivot to the outflow tube 21 above-mentioned lower part to a cross direction, enabling free rocking, and. Elongated plate 31 rear face is made to contact to a 23 copies of lower part board quota side rather than the above-mentioned pectinate form part 25, and it has the pinching member 30 which protruded the case part 33 which blockades a front face, a both sides side, and the undersurface of the above-mentioned pectinate form part 25 from elongated plate 31 upper bed, and is a gap for stem push down between the above-mentioned fitting tube 13 upper-bed side and the depression board 26 undersurface.

[Claim 2]An aerosol type bubble squirter provided with the stem 4 which penetrates bottle object 3 top wall which stood up the top neck part 2 in the above-mentioned squirter 1, and stands up, Or it forms with a liquid pouring pump type squirter provided with the stem 4 which stands up from a cylindrical piston made to fit in to a cylinder which made the top neck part 2 hang into the bottle object 3 which stood up, enabling free sliding, And a hair coloring implement characterized by what was made to pivot the elongated plate 31 above-mentioned lower end to the axis 27 which protruded from outflow tube 21 lower-left right both walls to a longitudinal direction.

[Translation done.]

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**DETAILED DESCRIPTION**

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**[Detailed Description of the Invention]****[0001]**

**[Field of the Invention]**This invention relates to the hair coloring implement used for hair coloring.

**[0002]**

**[Description of the Prior Art]**For example, as shown in JP,9-10037,A, make a peripheral wall fit in to the aerosol can upper part, and a hairdressing member is raised, And it protrudes from the window which drilled the push button attached to the cylinder part which opens for free passage the stem which penetrates an aerosol can top wall and stands up, and the outflow tube which stands up from the peripheral wall upper bed of a hairdressing member in the hairdressing member peripheral wall, and the hairdressing appliance which supplies the charge for a haircut in an aerosol can to the hairdressing part of the front face of an outflow tube by push button operation is known. However, there are many which are only making the container into which the hair coloring agent went in the hair coloring implement only equip with a brush.

**[0003]**

**[Problem(s) to be Solved by the Invention]**In the above-mentioned conventional hair coloring implement, in order to carry out by making it flow down the fluid in a bottle object to a brush by bottle object handstand, there was little amount of supply, therefore when there was much quantity of the hair which carries out hair coloring, supply to the brush of a hair coloring agent required time, and was trouble. In the case of partial hair dyeing, it was troublesome in order to make it a hair coloring agent not adhere to other hair, and for this reason to have to hold the hair into which the hair coloring implement was made to separate from other hair by the hand of another side and which should be carried out hair coloring, respectively and for one hand to take both hands by the above-mentioned conventional example.

[0004]A hair coloring implement given in claims 1 and 2 attains shortening of the time which hair coloring takes by using a squirter, and. Moreover, hair coloring is made possible single hand, without [ without it makes a hair coloring agent adhere to hair other than the hair which should carry out hair coloring by providing a pinching member other than a hair coloring member, and protruding the case part which seals a pectinate form part to this pinching member, and ] hanging down a hair coloring agent.

[0005]

[Means for Solving the Problem]The squirter 1 which spouts a bubble or a fluid by depression of the stem 4 which is energized to the bottle object 3 top-neck-part 2 upper part, and projects as the 1st means, The connection cylinder 10 through which protruded the inward-flange-like top wall 12 on from support cylinder 14 upper bed into which a barrel wall was made to fit to the above-mentioned top-neck-part-of-the-bottle-object outside surface, and the fitting tube 13 was made to install to a flange hole, Drill the jet hole 22 in an outflow tube 21 top front wall which carries out adherence fitting of the outflow tube 21 lower part of an upper bed side blockade made to penetrate to the above-mentioned fitting tube 13 to the stem 4 above-mentioned upper external, and projects upwards from the fitting tube 13, and. The hair coloring member 20 which formed this outflow tube 21 top front wall in the substrate 23 which has the pectinate form part 25, and made sliding direction pars intermedia of the pectinate form part 25 carry out the opening of the above-mentioned jet hole 22, and also carried out the back protrusion of the depression board 26 from an outflow tube 21 lower posterior wall of stomach, Make elongated plate 31 lower end pivot to the outflow tube 21 above-mentioned lower part to a cross direction, enabling free rocking, and. Elongated plate 31 rear face is made to contact to a 23 copies of lower part board quota side rather than the above-mentioned pectinate form part 25, And from elongated plate 31 upper bed, it has the pinching member 30 which protruded the case part 33 which blockades a front face, a both sides side, and the undersurface of the above-mentioned pectinate form part 25, and a gap for stem push down was provided between the above-mentioned fitting tube 13 upper-bed side and the depression board 26 undersurface.

[0006]As the 2nd means, have the 1st means of the above and the above-mentioned squirter 1, An aerosol type bubble squirter provided with the stem 4 which penetrates bottle object 3 top wall which stood up the top neck part 2, and stands up, Or it formed with a liquid pouring pump type squirter provided with the stem 4 which stands up from a cylindrical piston made to fit in to a cylinder which made the top neck part 2 hang into the bottle object 3 which stood up, enabling free sliding, and the elongated plate 31 above-mentioned lower end was made to pivot to the axis 27 which protruded from outflow tube 21 lower-left right both walls to a longitudinal direction.

[0007]

[Embodiment of the Invention] Hereafter, the embodiment of this invention is described, referring to drawings. For example, in drawing 1 thru/or drawing 4, 1 is a publicly known aerosol type bubble squirter, and as indicated to JP,63-25170,U this aerosol type bubble squirter, Bottle object 3 top wall which stands up the top neck part 2 via a shoulder from a peripheral wall upper bed part is made to penetrate, and upper part energization is carried out, and it stands up so that depression of the stem 4 is possible. The discharge valve which is opened by stem depression and closed by rise is provided in this stem lower end part, and the hair coloring agent by which oil-level application of pressure is carried out within the bottle object 3 is breathed out by valve opening through the stem 4.

[0008]As the squirter 1, a publicly known vertical mold pump type liquid ejection machine can also be used as indicated to JP,63-6069,U not only in the above-mentioned aerosol type bubble squirter 1, for example. Namely, the cylinder with an inlet valve which made this squirter hang into the bottle object 3 which stands up the top neck part 2 via a shoulder from a peripheral wall upper bed part, The cylindrical piston made to fit in to this cylinder, enabling free sliding, and the stem 4 which stands up from this cylindrical piston, It has the discharge valve provided in this stem upper bed circles side, and a cylindrical piston descends with stem 4 push down, the hair coloring agent in a cylinder is breathed out from the stem 4 via a discharge valve, an inlet valve opens by stem 4 rise; and the hair coloring agent in a bottle object is sucked up into a cylinder.

[0009]10 is a connection cylinder, peripheral wall 11 lower end is made to lay to the bottle object 3 shoulder upper surface, and it protrudes the inward-flange-like top wall 12 from peripheral wall 11 upper bed, and makes the fitting tube 13 install to a flange hole. On the other hand, hang the support cylinder 14 and this support cylinder is made to fit in to top-neck-part-of-the-bottle-object 2 outside surface, and the engagement projected rim 15 is attached around a support cylinder 14 lower-end inner surface, and this engagement projected rim is made to engage with it from a peripheral wall 11 upper-bed inner surface to top-neck-part-of-the-bottle-object 2 lower end. 16 is the rib arranged lengthwise to support cylinder 14 inner surface, and is made to contact to the top neck part 2 upper surface.

[0010]20 forms in a large inner diameter part the outflow tube 21 lower-end circles side of the upper bed side blockade which is a hair coloring member and was made to penetrate to the fitting tube 13, and carries out adherence fitting of this large inner diameter part to stem 4 upper external. On the other hand, drill the jet hole 22 in the outflow tube 21 upper-bed part front wall which projects upwards from the fitting tube 13, and the anterior part of an outflow tube 21 top front wall is widened to right and left, and it extends upwards and forms in the substrate 23.

[0011]And many ctenidiums 24 are arranged to a sliding direction at two rows of right and left, the pectinate form part 25 is formed in this substrate 23 upper front, and the sliding direction

pars intermedia of this pectinate form part is made to carry out the opening of the jet hole 22. The back protrusion of the depression board 26 is carried out rather than the fitting tube 13 from an upper outflow tube 21 lower posterior-wall-of-stomach portion, and the axis 27 is mostly protruded to a longitudinal direction with this depression board from the both sides wall parts of the outflow tube 21 in same height. The gap for stem push down is provided between a fitting tube 13 upper-bed side and the depression board 26 undersurface.

[0012]30 is a pinching member, carries out the back protrusion of the tie-down plate 32 from the both sides edge of an elongated plate 31 lower-end part, and makes the elongated plate 31 pivot to the outflow tube 21 lower part to a cross direction by making the axis 27 fit in to the fitting hole formed in both tie-down plate 32 inner surface, enabling free rocking, enabling free rocking. And this elongated plate rear face is made to contact to a downward 23 copies of substrate quota side rather than the pectinate form part 25, and the case part 33 which blockades the front face, the both sides side, and the undersurface of the pectinate form part 25 from elongated plate 31 upper bed is protruded.

[0013]Next, an operation of this embodiment is explained. You make it rock the pinching member 30 from the state of drawing 1 to the front to carry out hair coloring, and make it isolated from the hair coloring member 20, as shown in drawing 5. After letting the hair which should carry out hair coloring pass between the pectinate form part 25 and the pinching member 30, the pinching member 30 is made to rock back and the front face, the both sides side, and the undersurface of the pectinate form part 25 are made to blockade by the case part 33. Subsequently, what is necessary is just to move the squirter 1 in the suitable direction, holding the pinching state of the pinching member 30, where the depression board 26 is depressed.

[0014]The stem 4 is depressed by depression of the depression board 26, and a hair coloring agent is supplied to the pectinate form part 25 through the outflow tube 21 and the jet hole 22 from the stem 4, and hair carries out relative displacement to along the base of the ctenidium 24. After the end of hair coloring should just release the depression board 26, and since the stem 4 goes up by this, supply of a hair coloring agent stops it.

[0015]

[Effect of the Invention]Since the hair coloring implement given in claims 1 and 2 made the hair coloring member connect with the stem of the squirter which spouts a hair coloring agent with the stem push down, the time which supply of a lot of hair coloring agents is attained, and hair coloring takes to it is shortened. Since the case part which makes a pinching member seal a pectinate form part was protruded, a hair coloring agent does not adhere to the hair of the case part exterior, moreover a hair coloring agent hangs down, and prevention becomes possible. Since operation of maintenance and the hair coloring member of a squirter, and a pinching member can be performed single hand, hair coloring can be performed easily.

[Translation done.]

**\* NOTICES \***

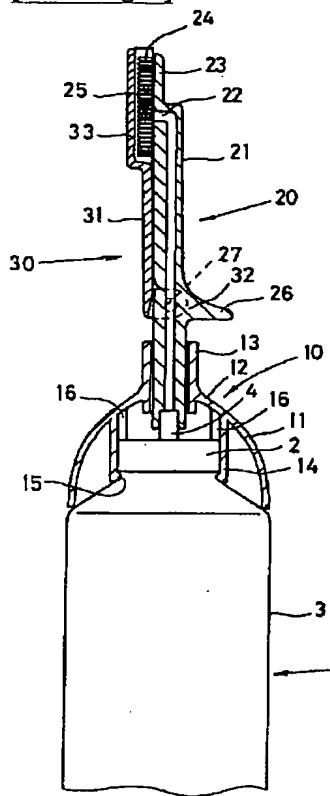
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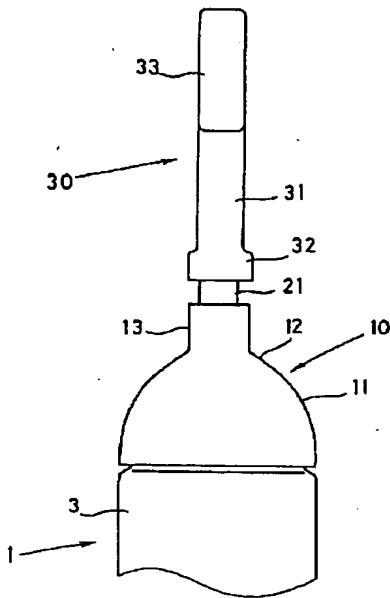
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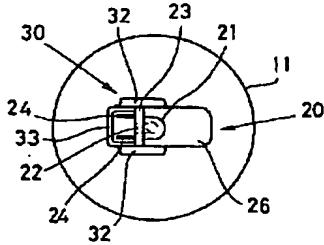
**DRAWINGS**

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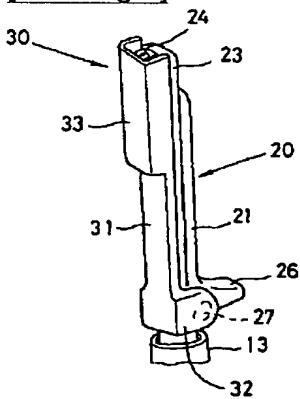
**[Drawing 1]****[Drawing 2]**



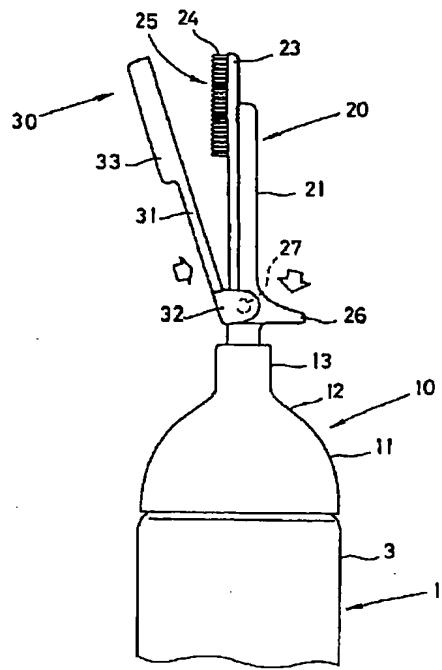
[Drawing 3]



[Drawing 4]



[Drawing 5]



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